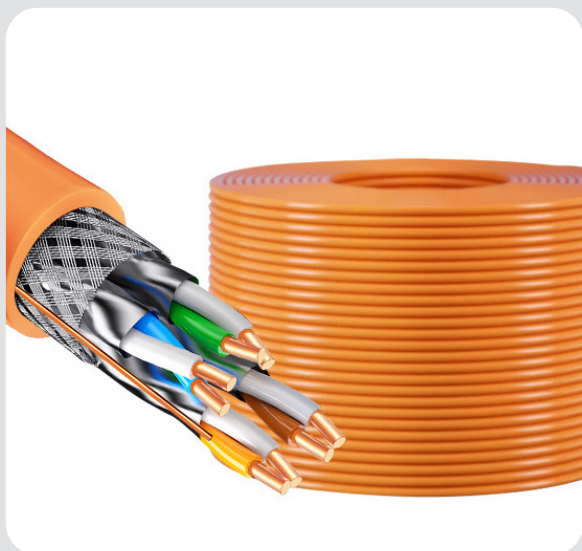


## LAN-Kabel Cat. 8

Unser Cat. 8 LAN-Kabel in der auffälligen Farbe Orange bietet herausragende Leistung für die höchsten Netzwerkanprüche. Erhältlich auf Rollen in den Längen 25, 50, 100, 200, 250 und 305 Metern, ist dieses Kabel ideal für hochleistungsfähige Installationen und professionelle Netzwerke.

Mit einer Unterstützung für Geschwindigkeiten von bis zu 40 Gbit/s und einer exzellenten Abschirmung gegen elektromagnetische Störungen bietet dieses Kabel eine außergewöhnlich stabile und zuverlässige Verbindung über lange Distanzen. Es ist die ideale Wahl für Rechenzentren, anspruchsvolles Gaming und hochauflösendes Streaming.

Entscheiden Sie sich für unser Cat. 8 LAN-Kabel, wenn Sie höchste Geschwindigkeit, Leistung und Zukunftssicherheit suchen.



Typ:	CAT. 8 SFTP
Länge:	25,50,100,200,250,305 Meter
Farbe:	Orange
Mantelmaterial:	LSZH
Leitermaterial:	BC/ 22 AWG
Leistung:	Leicht, weich, abriebfest
Verkabelungsstandard:	ANSI/TIA 568.2-D
Kabeldurchmesser:	8.0±0.3mm
Adern Innenleiter Material:	Reines Kupfer
Datenübertragung:	40 Gbps (40000 MBit/s)
Impedanz:	max. 2000MHz
Temperaturbereich:	-20°C bis 60°C

## Keystone Modul RJ45 Cat. 7

Das Keystone Modul RJ45 Cat 7 ist die optimale Wahl für Netzwerke, die hohe Leistung und Sicherheit erfordern. Es unterstützt Übertragungsgeschwindigkeiten von bis zu 10 Gbit/s und bietet eine verbesserte Abschirmung gegen elektromagnetische Störungen, was es perfekt für stark beanspruchte Netzwerkumgebungen macht. Dieses Modul ist kompatibel mit allen gängigen Keystone-Patchpanels und Netzwerkdozen und kann mit Standardwerkzeugen installiert werden. Die langlebige Bauweise gewährleistet eine zuverlässige und zukunftssichere Verbindung.

Typ:	CAT. 7
Anschlüsse:	Schneidklemme (LSA) auf RJ45 Buchse
Unterstützt:	AWG22~ AWG26
Für Drahtdurchmesser (isoliert):	1,2 bis 1,35 mm
Unterstützt Kabel Ø:	5.0mm ~ 7.5mm
Datenübertragung:	10Gbit Ethernet (10/100/1.000/10.000 Mbit/s)
Impedanz:	bis zu 500MHz
Schirmungsklasse:	STP
Farbe:	Silber



Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
CH1808-0300-52	PASS	ISO11801 Channel Class Ea	40 ft	24.3 dB (NEXT)	05/23/2024 06:05 PM
CH1808-0300-53	PASS	ISO11801 Channel Class Ea	71 ft	19.5 dB (NEXT)	05/23/2024 06:05 PM
CAT7-CHANNEL-01	PASS	ISO11801 Channel Class Ea	23 ft	26.7 dB (NEXT)	05/23/2024 06:07 PM
CAT7-CHANNEL-02	PASS	ISO11801 Channel Class Ea	18 ft	19.2 dB (NEXT)	05/23/2024 06:09 PM

Total Length:	152 ft
Number of Reports:	4
Number of Passing Reports:	4
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



**Cable ID: CH1808-0300-52**

Test Limit: ISO11801 Channel Class Ea

Limits Version: V7.9

Date / Time: 05/23/2024 06:05:22 PM

Headroom 24.3 dB (NEXT 3,6-4,5)

Cable Type: Cat 8 S/FTP

NVP: 78.0%

Main: Versiv

S/N: 17480175

Software Version: V6.11 Build 2

Calibration Date: 02/26/2018

Adapter: DSX-5000 (DSX-CHA004)

S/N: 2520623

**Test Summary: PASS**

Remote: Versiv

S/N: 17480177

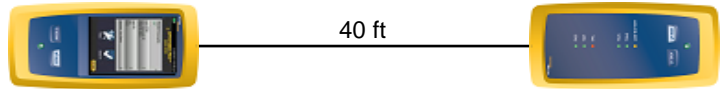
Software Version: V6.11 Build 2

Calibration Date: 02/26/2018

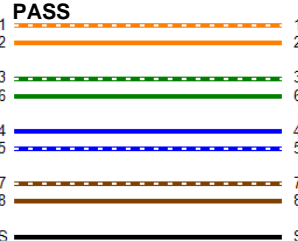
Adapter: DSX-5000R (DSX-CHA004)

S/N: 2520663

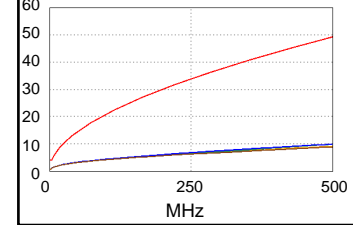
Length (ft), Limit 328	[Pair 1,2]	40
Prop. Delay (ns), Limit 555	[Pair 3,6]	53
Delay Skew (ns), Limit 50	[Pair 3,6]	1
Resistance (ohms), Limit 25.00	[Pair 4,5]	6.62
Insertion Loss Margin (dB)	[Pair 3,6]	39.5
Frequency (MHz)	[Pair 3,6]	500.0
Limit (dB)	[Pair 3,6]	49.3



Wire Map (T568B)

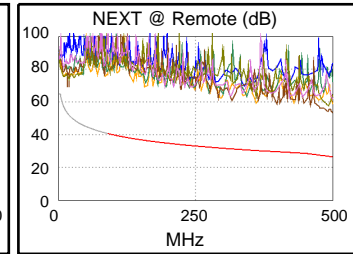
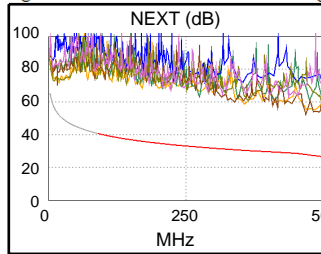


Insertion Loss (dB)

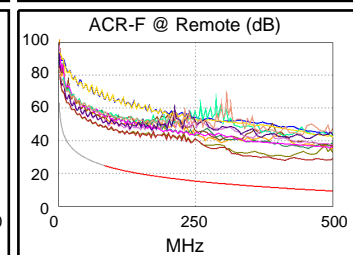
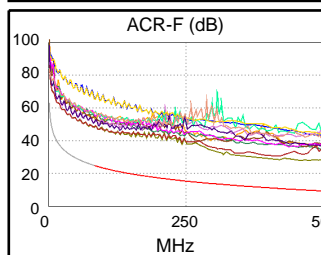


Worst Case Margin Worst Case Value

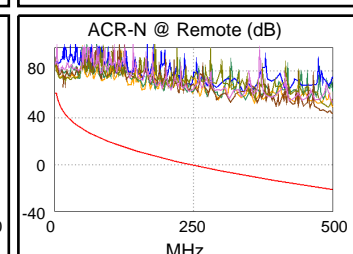
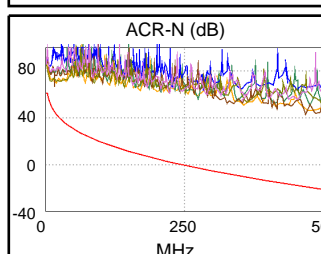
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
<b>NEXT (dB)</b>	24.3	25.9	24.3	25.9
Freq. (MHz)	468.0	489.0	468.0	489.0
Limit (dB)	27.9	27.0	27.9	27.0
Worst Pair	3,6	3,6	3,6	3,6
<b>PS NEXT (dB)</b>	25.8	27.7	25.8	27.7
Freq. (MHz)	468.0	489.0	468.0	489.0
Limit (dB)	24.8	23.9	24.8	23.9



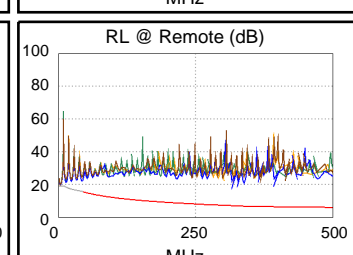
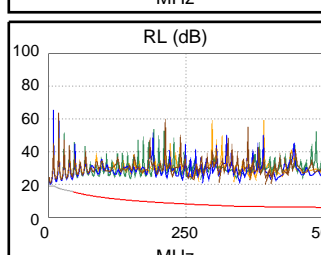
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
<b>ACR-F (dB)</b>	16.3	16.6	16.3	16.6
Freq. (MHz)	410.0	410.0	410.0	410.0
Limit (dB)	11.0	11.0	11.0	11.0
Worst Pair	4,5	3,6	4,5	3,6
<b>PS ACR-F (dB)</b>	18.9	19.4	20.1	20.4
Freq. (MHz)	411.0	411.0	476.0	476.0
Limit (dB)	8.0	8.0	6.7	6.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-4,5	3,6-4,5
<b>ACR-N (dB)</b>	19.3	19.5	61.9	63.9
Freq. (MHz)	7.8	3.3	468.0	489.0
Limit (dB)	52.7	60.5	-19.2	-20.7
Worst Pair	3,6	3,6	3,6	3,6
<b>PS ACR-N (dB)</b>	19.2	19.5	63.4	65.7
Freq. (MHz)	7.8	3.3	468.0	489.0
Limit (dB)	50.1	58.0	-22.2	-23.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
<b>RL (dB)</b>	7.3	6.1	14.8	13.4
Freq. (MHz)	43.0	42.8	347.0	319.0
Limit (dB)	15.7	15.7	6.6	7.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
100BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	



**Cable ID: CH1808-0300-53**

Test Limit: ISO11801 Channel Class Ea

Limits Version: V7.9

Date / Time: 05/23/2024 06:05:56 PM

Headroom 19.5 dB (NEXT 1,2-3,6)

Cable Type: Cat 8 S/FTP

NVP: 78.0%

Main: Versiv

S/N: 17480175

Software Version: V6.11 Build 2

Calibration Date: 02/26/2018

Adapter: DSX-5000 (DSX-CHA004)

S/N: 2520623

**Test Summary: PASS**

Remote: Versiv

S/N: 17480177

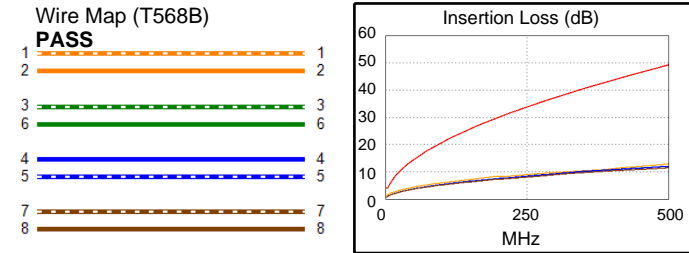
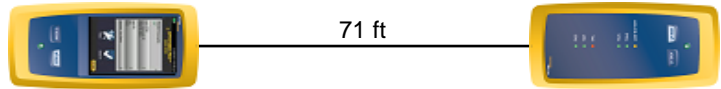
Software Version: V6.11 Build 2

Calibration Date: 02/26/2018

Adapter: DSX-5000R (DSX-CHA004)

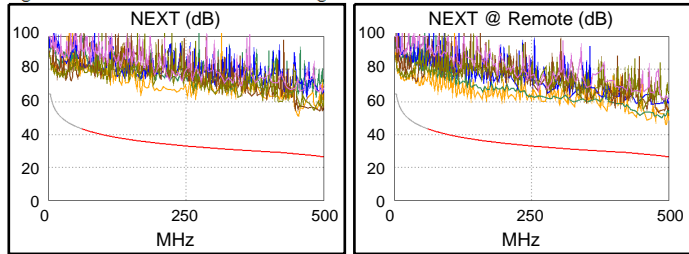
S/N: 2520663

Length (ft), Limit 328	[Pair 1,2]	71
Prop. Delay (ns), Limit 555	[Pair 4,5]	94
Delay Skew (ns), Limit 50	[Pair 3,6]	1
Resistance (ohms), Limit 25.00	[Pair 1,2]	20.94
Insertion Loss Margin (dB)	[Pair 1,2]	36.4
Frequency (MHz)	[Pair 1,2]	500.0
Limit (dB)	[Pair 1,2]	49.3

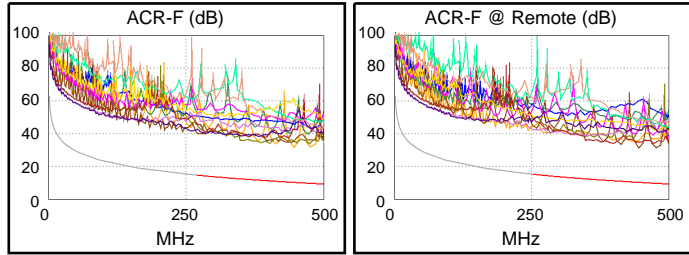


Worst Case Margin Worst Case Value

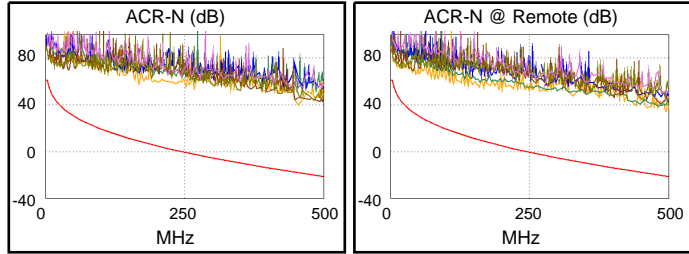
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
<b>NEXT (dB)</b>	22.7	19.5	22.8	19.5
Freq. (MHz)	453.0	495.0	454.0	495.0
Limit (dB)	28.6	26.7	28.5	26.7
Worst Pair	3,6	1,2	3,6	1,2
<b>PS NEXT (dB)</b>	24.1	21.2	24.1	21.3
Freq. (MHz)	453.0	481.0	453.0	495.0
Limit (dB)	25.5	24.3	25.5	23.7



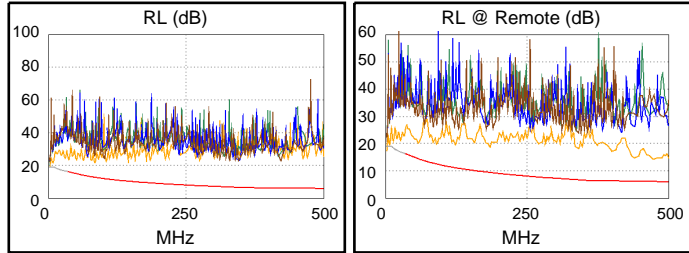
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	1,2-3,6	3,6-1,2
<b>ACR-F (dB)</b>	21.4	20.9	21.4	20.9
Freq. (MHz)	447.0	447.0	447.0	447.0
Limit (dB)	10.3	10.3	10.3	10.3
Worst Pair	3,6	3,6	3,6	1,2
<b>PS ACR-F (dB)</b>	24.0	23.2	24.6	23.7
Freq. (MHz)	446.0	391.0	478.0	474.0
Limit (dB)	7.3	8.4	6.7	6.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-7,8	1,2-3,6	1,2-3,6
<b>ACR-N (dB)</b>	21.8	20.3	58.0	55.3
Freq. (MHz)	5.0	4.5	454.0	495.0
Limit (dB)	56.9	57.8	-18.2	-21.1
Worst Pair	3,6	3,6	3,6	1,2
<b>PS ACR-N (dB)</b>	20.3	19.9	59.3	56.3
Freq. (MHz)	5.0	4.5	453.0	495.0
Limit (dB)	54.3	55.3	-21.1	-24.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
<b>RL (dB)</b>	7.4	4.2	8.9	8.2
Freq. (MHz)	36.8	26.5	84.3	474.0
Limit (dB)	16.2	16.9	12.7	6.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
100BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	



**Cable ID: CAT7-CHANNEL-01**

Test Limit: ISO11801 Channel Class Ea

Limits Version: V7.9

Date / Time: 05/23/2024 06:07:49 PM

Headroom 26.7 dB (NEXT 3,6-7,8)

Cable Type: Cat 7 S/FTP

NVP: 78.0%

Main: Versiv

S/N: 17480175

Software Version: V6.11 Build 2

Calibration Date: 02/26/2018

Adapter: DSX-5000 (DSX-CHA004)

S/N: 2520623

**Test Summary: PASS**

Remote: Versiv

S/N: 17480177

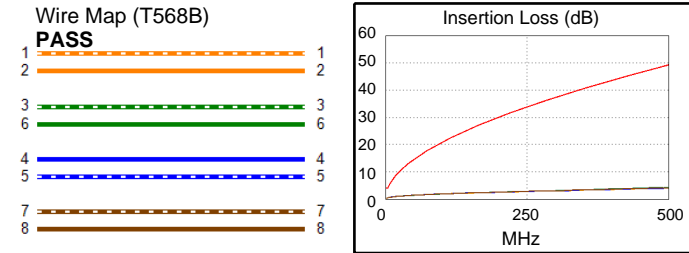
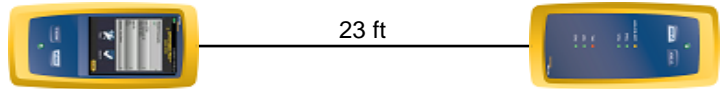
Software Version: V6.11 Build 2

Calibration Date: 02/26/2018

Adapter: DSX-5000R (DSX-CHA004)

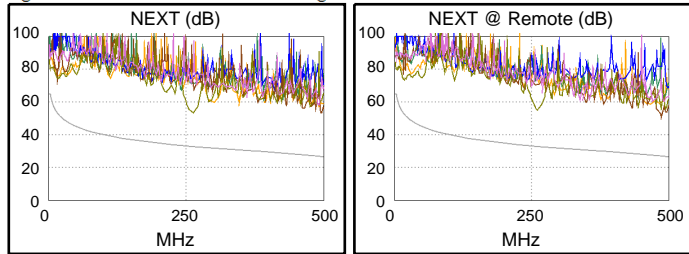
S/N: 2520663

Length (ft), Limit 328	[Pair 3,6]	23
Prop. Delay (ns), Limit 555	[Pair 1,2]	31
Delay Skew (ns), Limit 50	[Pair 1,2]	1
Resistance (ohms), Limit 25.00	[Pair 4,5]	2.76
Insertion Loss Margin (dB)	[Pair 3,6]	45.0
Frequency (MHz)	[Pair 3,6]	499.0
Limit (dB)	[Pair 3,6]	49.3

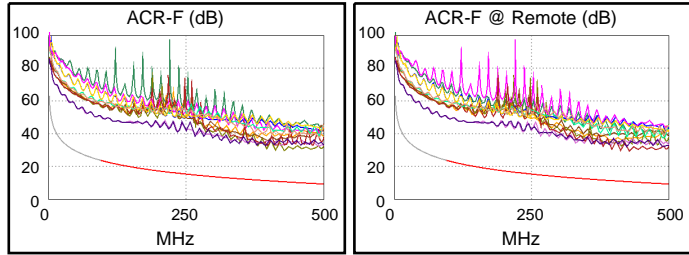


Worst Case Margin Worst Case Value

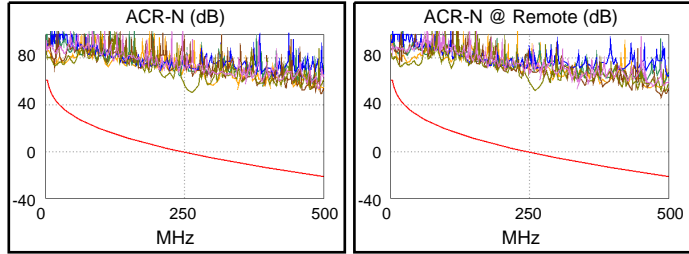
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-4,5	3,6-4,5
<b>NEXT (dB)</b>	26.7	29.0	26.6	23.4
Freq. (MHz)	486.0	486.0	495.0	486.0
Limit (dB)	27.1	27.1	26.7	27.1
Worst Pair	3,6	3,6	3,6	3,6
<b>PS NEXT (dB)</b>	26.8	25.1	26.9	25.1
Freq. (MHz)	479.0	486.0	487.0	486.0
Limit (dB)	24.4	24.1	24.0	24.1



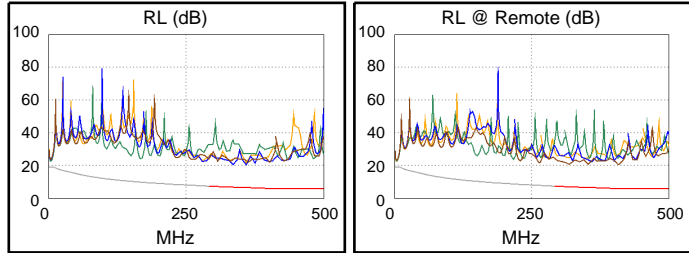
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
<b>ACR-F (dB)</b>	18.4	18.1	18.4	18.1
Freq. (MHz)	431.0	431.0	431.0	431.0
Limit (dB)	10.6	10.6	10.6	10.6
Worst Pair	3,6	3,6	4,5	3,6
<b>PS ACR-F (dB)</b>	20.9	19.6	21.1	19.6
Freq. (MHz)	380.0	430.0	430.0	430.0
Limit (dB)	8.7	7.6	7.6	7.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-4,5	3,6-4,5
<b>ACR-N (dB)</b>	19.3	18.8	70.5	67.0
Freq. (MHz)	2.9	3.0	495.0	486.0
Limit (dB)	61.0	61.0	-21.1	-20.4
Worst Pair	3,6	3,6	3,6	3,6
<b>PS ACR-N (dB)</b>	20.9	21.0	70.5	68.6
Freq. (MHz)	2.9	3.1	487.0	486.0
Limit (dB)	58.0	58.0	-23.6	-23.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	7,8	4,5	7,8
<b>RL (dB)</b>	13.4	13.7	13.4	14.6
Freq. (MHz)	357.0	318.0	357.0	408.0
Limit (dB)	6.5	7.0	6.5	6.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	



**Cable ID: CAT7-CHANNEL-02**

Test Limit: ISO11801 Channel Class Ea

Limits Version: V7.9

Date / Time: 05/23/2024 06:09:19 PM

Headroom 19.2 dB (NEXT 3,6-7,8)

Cable Type: Cat 7 S/FTP

NVP: 78.0%

Main: Versiv

S/N: 17480175

Software Version: V6.11 Build 2

Calibration Date: 02/26/2018

Adapter: DSX-5000 (DSX-CHA004)

S/N: 2520623

**Test Summary: PASS**

Remote: Versiv

S/N: 17480177

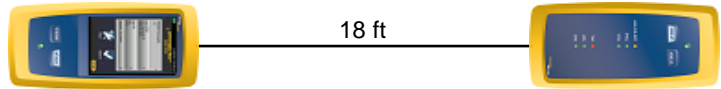
Software Version: V6.11 Build 2

Calibration Date: 02/26/2018

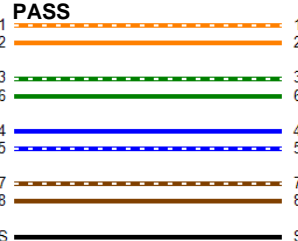
Adapter: DSX-5000R (DSX-CHA004)

S/N: 2520663

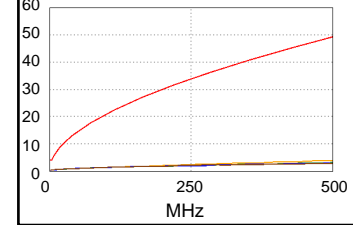
Length (ft), Limit 328	[Pair 4,5]	18
Prop. Delay (ns), Limit 555	[Pair 1,2]	24
Delay Skew (ns), Limit 50	[Pair 1,2]	1
Resistance (ohms), Limit 25.00	[Pair 4,5]	2.08
Insertion Loss Margin (dB)	[Pair 1,2]	45.0
Frequency (MHz)	[Pair 1,2]	491.0
Limit (dB)	[Pair 1,2]	48.8



Wire Map (T568B)

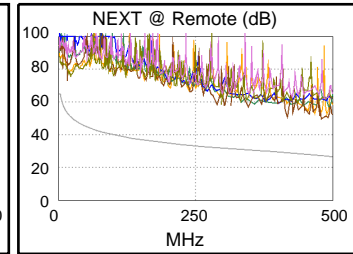
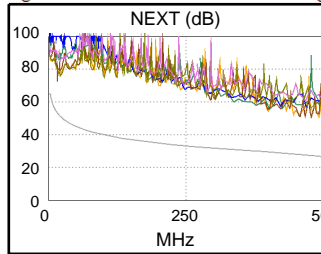


Insertion Loss (dB)

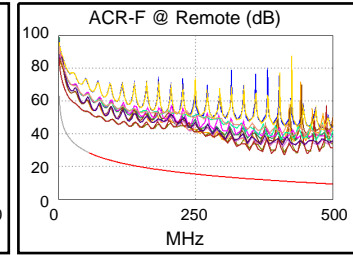
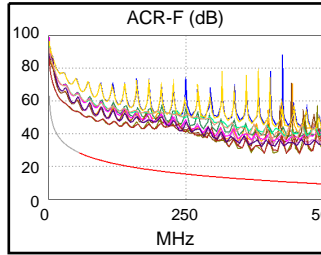


Worst Case Margin Worst Case Value

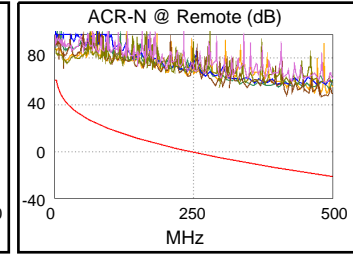
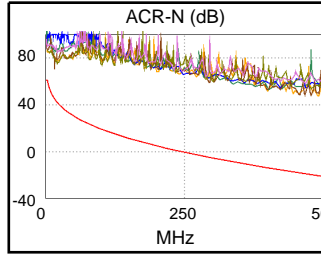
N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-4,5	3,6-4,5
<b>NEXT (dB)</b>	20.4	19.2	22.5	21.7
Freq. (MHz)	3.3	3.0	478.0	478.0
Limit (dB)	64.5	65.0	27.4	27.4
Worst Pair	3,6	3,6	3,6	3,6
<b>PS NEXT (dB)</b>	19.3	19.9	23.2	23.7
Freq. (MHz)	3.3	3.3	490.0	490.0
Limit (dB)	62.0	62.0	23.9	23.9



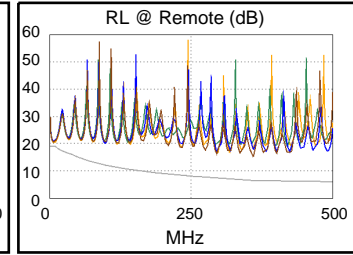
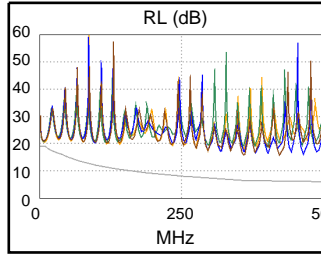
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
<b>ACR-F (dB)</b>	16.3	16.1	16.3	16.1
Freq. (MHz)	412.0	412.0	412.0	412.0
Limit (dB)	11.0	11.0	11.0	11.0
Worst Pair	3,6	3,6	3,6	3,6
<b>PS ACR-F (dB)</b>	18.2	17.3	19.0	17.7
Freq. (MHz)	391.0	389.0	433.0	411.0
Limit (dB)	8.4	8.5	7.5	8.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-4,5	3,6-4,5
<b>ACR-N (dB)</b>	24.1	22.9	67.0	66.2
Freq. (MHz)	3.3	3.0	478.0	478.0
Limit (dB)	60.5	61.0	-19.9	-19.9
Worst Pair	3,6	3,6	3,6	3,6
<b>PS ACR-N (dB)</b>	23.0	23.6	68.1	67.6
Freq. (MHz)	3.3	3.3	490.0	478.0
Limit (dB)	58.0	58.0	-23.8	-22.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	7,8	7,8
<b>RL (dB)</b>	11.1	11.0	9.5	8.9
Freq. (MHz)	339.0	339.0	424.0	359.0
Limit (dB)	6.7	6.7	6.0	6.4



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	